



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

August 15, 1996

CERTIFIED MAIL #P 875 705 064

Ben Strawn
Saint Luke's Regional Medical Center
190 East Bannock
Boise, Idaho 83712

RE: Saint Luke's Regional Medical Center (Boise) - #9501-020-2
Tier II Operating Permit (#001-00029)

Dear Mr. Strawn:

On January 30, 1995, the Division of Environmental Quality (DEQ) received Saint Luke's Regional Medical Center (SLRMC) Tier II Operating Permit (OP) application forms. On March 6, 1995, that application was determined complete. On June 21, 1996, a proposed Tier II Operating Permit was issued for public comment. No comments were received.

Based on review of your application, state and federal rules and regulations, DEQ finds this project meets the Provisions of IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Therefore, I am pleased to enclose your Tier II OP (#001-00029) for the emission sources that exist at the facility.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

Please be advised that this operating permit is subject to permit application fees of five hundred dollars (\$500.00) in accordance with IDAPA 16.01.01.470. IDAPA 16.01.01.470 became effective on March 7, 1995. Information regarding the permit application fees will be sent to you shortly.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Chief, Operating Permits Bureau, at (208) 373-0502.

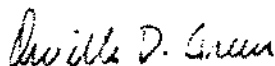
Sincerely,

Orville D. Green
Assistant Administrator
Permits & Enforcement

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Enclosure

cc: J. Palmer, SWIRO
P. Rayne
Source File
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STATE OF IDAHO AIR POLLUTION OPERATING PERMIT GENERAL INFORMATION	PERMIT NUMBER <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">1</div> - <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">9</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> AQCR <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">6</div> <div style="border: 1px solid black; padding: 2px;">4</div> </div> <div style="text-align: center;"> CLASS <div style="border: 1px solid black; padding: 2px;">A</div> <div style="border: 1px solid black; padding: 2px;">2</div> </div> <div style="text-align: center;"> SIC <div style="border: 1px solid black; padding: 2px;">8</div> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">6</div> <div style="border: 1px solid black; padding: 2px;">2</div> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> ZONE <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;">1</div> </div> <div style="text-align: center;"> UTM COORDINATE (km) <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">6</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">8</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">9</div> <div style="border: 1px solid black; padding: 2px;">2</div> </div> </div>	
1. Permittee Saint Luke's Regional Medical Center (SLRMC)		
2. PROJECT Tier II Operating Permit		
3. ADDRESS 190 East Bannock	TELEPHONE # (208) 381-2255	COUNTY Ada
4. CITY Boise	STATE Idaho	ZIP CODE 83712
5. PERSON TO CONTACT Ben Strawn	TITLE Director of Building Services	
6. EXACT PLANT LOCATION 190 East Bannock, Boise, Idaho		
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS Medical Hospital		
8. GENERAL CONDITIONS <p>This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p>THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED IN THE APPLICATION AND DEQ'S TECHNICAL ANALYSIS OF THE SUPPLIED INFORMATION. CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEPARTMENT REVIEW IN ACCORDANCE WITH Section 16.01.01.200 OF THE Rules for the Control of Air Pollution in Idaho.</p>		
<div style="text-align: center;">  ASSISTANT ADMINISTRATOR DIVISION OF ENVIRONMENTAL QUALITY </div>		ISSUED <u>August 15, 1996</u> Date EXPIRES <u>August 15, 2001</u> Date

AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

Saint Luke's Regional Medical Center
Tier II Operating Permit
Boise, Idaho

PERMIT NUMBER

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Boiler #1, Boiler #2, Boiler #3, Boiler #4

1. EMISSION LIMITS

1.1 PM, PM-10, SO₂, and NO_x Stack Emission Limits

Particulate Matter (PM), PM-10 (as defined in IDAPA 16.01.01.006.71), sulfur dioxide (SO₂), and nitrogen oxide (NO_x) emissions from each of the Boilers #1, #2, #3, and #4 stacks shall not exceed any corresponding emission rate limits listed in Appendix A and Appendix B of this permit.

1.2 Aggregate NO_x Emission limits From Boilers

Aggregate annual NO_x emissions resulting from natural gas combustion from all boilers shall not exceed the ton per year (T/yr) values listed in Appendix A based on an annual calendar basis.

1.3 Visible Stack Emission Limits

Visible emission from any boiler stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required in IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined by the procedures contained in the "Procedures Manual for Air Pollution Control", Section II (Evaluation of Visible Emissions Manual).

2. OPERATING REQUIREMENTS

2.1 Fuel for Boilers #1, #2, #3, and #4

The primary fuel for Boilers #1, #2, #3, and #4 shall be natural gas. Secondary fuel shall be No. 2 diesel.

2.2 Maximum Natural Gas Consumption

The total maximum natural gas consumption of Boilers #1, #2, #3, and #4 shall not exceed 133 million standard cubic feet per year, based on an annual calendar basis.

2.3 Boiler #1, #2, #3, and #4 Operations on No. 2 Fuel Oil

Operation of Boilers #1, #2, #3, and #4 on No. 2 diesel fuel oil shall not exceed a 120 hours per boiler per year. This limit shall not apply during times of interrupted natural gas supply to the hospital, due to supply line distribution problems, unavailability of natural gas supply, and other natural gas supply outages beyond the reasonable control of St. Luke's Regional Medical Center.

2.4 Operation on No. 2 Fuel Oil During Atmospheric Stagnation Advisory Periods

Operation of Boilers #1, #2, #3, and #4 on No. 2 fuel oil for testing purposes shall not be conducted, except for emergencies, during any period in which an Atmospheric Stagnation Advisory and/or a mandatory Wood Stove Curtailment in Boise have been declared by the Department.

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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AIR POLLUTION OPERATING PERMIT

Permittee AND LOCATION

Saint Luke's Regional Medical Center
Tier II Operating Permit
Boise, Idaho

PERMIT NUMBER

001 - 00029

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Boiler #1, Boiler #2, Boiler #3, Boiler #4

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Operation on Diesel Fuel

The Permittee shall monitor and record the date, the reason, and the number of hours that each boiler operates on No. 2 diesel fuel.

3.2 Natural Gas Fuel Consumption

The Permittee shall monitor and record on a monthly basis the total natural gas consumption of the facility.

3.3 Boiler #3 and #4 Fuel Oil Sulfur Monitoring

As per 40 CFR 60, Subpart Dc, the permittee shall test or obtain a fuel supplier certification for the sulfur content of the No. 2 fuel oil on an annual basis.

3.4 Maintenance of Records

The most recent two year compilation of data as required in Sections 3.1, 3.2 and 3.3 of this permit shall be kept on site at all times and shall be made available to Department representatives upon request.

4. REPORTING REQUIREMENTS

4.1 Reporting Permit Exceedances

The Permittee shall submit a written report to the Department of any exceedance from any permit conditions located in Sections 1 and 2 of this permit. The report shall contain the date, duration, and description of the exceedance and the procedures taken to remedy the cause of the exceedance. The report must be postmarked within fifteen (15) days of the occurrence of the exceedance(s), as per IDAPA 16.01.01.135 (Rules for the Control of Air Pollution in Idaho).

The exceedance report shall be submitted to the following address:

Air Quality Environmental Enforcement Manager
Idaho Division of Environmental Quality
Permits and Enforcement
1410 N. Hilton
Boise, Idaho 83706

4.2 NSPS Annual Report

The Permittee shall submit to the Department an annual calendar report no later than thirty (30) days after the calendar year. The report shall include the data as required by 40 CFR 60 Subpart Dc for the operations of Boilers #3 and #4.

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

Permittee AND LOCATION

Saint Luke's Regional Medical Center
Tier II Operating Permit
Boise, Idaho

001 - 00029

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Emergency Generators #1, #2, #3, #4, #5, and #6

1. OPERATING REQUIREMENTS

1.1 Operating Schedule

The operation of each diesel emergency generator shall not exceed a maximum of 60 hours per year. This limit shall not apply during times of electric power outages to the hospital.

1.2 Operation During Atmospheric Stagnation Advisory Periods

All emergency generators shall not be operated, except for emergencies, during any period in which an Atmospheric Stagnation Advisory and/or a mandatory Wood Stove Curtailment in Boise have been declared by the Department.

1.3 Fuel Specification

All six (6) emergency diesel generators shall use No. 2 diesel fuel exclusively.

2. MONITORING AND RECORDKEEPING REQUIREMENTS

2.1 Emergency Generator Operations

The Permittee shall monitor and record the date, number of hours of operation, and reason for the operation of each emergency generating set. The most recent two years compilation of data shall be kept on-site at all times and shall be made available to Department representatives upon request.

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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APPENDIX A

SAINT LUKE'S REGIONAL MEDICAL CENTER - BOISE

BOILERS OPERATIONS ON NATURAL GAS

HOURLY (lb/hr) AND ANNUAL (T/yr) POINT SOURCE EMISSION LIMITS

SOURCE	PM		PM-10		NO _x	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Boiler #1	0.40		0.40		4.10	
Boiler #2	0.40		0.40		4.10	
Boiler #3	0.40		0.40		4.10	
Boiler #4	0.40		0.40		4.10	
Aggregated Boilers						9.29

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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APPENDIX B

SAINT LUKE'S REGIONAL MEDICAL CENTER - BOISE

BOILERS OPERATIONS ON NO. 2 DIESEL FUEL

HOURLY (lb/hr) AND ANNUAL (T/yr) POINT SOURCE EMISSION LIMITS

SOURCE	PM		PM-10		NO _x		SO ₂	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Boiler #1	0.43	0.026	0.43	0.026	4.28	0.257	15.2	0.912
Boiler #2	0.43	0.026	0.43	0.026	4.28	0.257	15.2	0.912
Boiler #3	0.43	0.026	0.43	0.026	4.28	0.257	15.2	0.912
Boiler #4	0.43	0.026	0.43	0.026	4.28	0.257	15.2	0.912

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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- I. The Permittee shall provide the Department a minimum of thirty (30) days notice prior to the scheduled date of any performance test required pursuant to this permit. Such testing must strictly adhere to the procedures outlined in the Department's Procedures Manual for Air Pollution Control, and will not be conducted on weekends or state holidays, unless the Permittee obtains prior Department approval. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment.

The Permittee shall promptly notify the Department of any change in the testing schedule and shall provide at least five (5) working days notice prior to conducting any rescheduled test, unless the Department approves a shorter advanced notice period. Any records or data generated as a result of such performance tests shall be made available to the Department upon request.

The performance tests will be performed at the maximum production rate unless otherwise is specifically stated elsewhere in this Operating Permit. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

ISSUED: August 15, 1996
EXPIRES: August 15, 2001

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